



SMA

SMA ENERGY SOLUTION

Installers

Powering homes and businesses

Enable residential and commercial clients
to get the most out of the sun.



Smart energy solutions that grow your installation business.

Solar is a strong business opportunity for professional installers. With SMA, you deliver future-proof energy systems for homes and businesses from a single, trusted partner. Seamlessly combine PV, storage, e-mobility, heating, and energy management - while benefiting from faster processes, fewer callbacks, and reliable long-term operation.

WHY SMA?

- ✓ Rely on proven satisfaction: 8 out of 10 customers would choose SMA again.¹
- ✓ Stay protected with built-in safety and industry leading cybersecurity.
- ✓ Enjoy worry-free operation: thanks to low failure rates from extensive testing.
- ✓ Trust proven technology: validated by over 1 million systems worldwide.
- ✓ Benefit from decades of experience: with more than 45 years in solar.



WHAT YOU CAN RELY ON:

- High-quality hardware and intelligent software engineered to work together efficiently and reliably.
- Professional support tools that standardize and speed up every project step.
- Proprietary technologies minimizing the impact of varied roofs and shade.
- Modular system architecture that supports step-by-step expansion without redesigning the entire setup.
- Robust devices plus cloud-based monitoring help keep the system running reliably over the long term.



WHAT YOU CAN EXPECT:

- Portfolio covering home and business projects – from small rooftops to large commercial systems.
- Guided planning, easy installations and fast commissioning.
- Optimized solar yield even in difficult environments.
- Systems that grow with your customers' needs.
- “Install it and forget it”-solutions with low necessary maintenance freeing up your schedule.
- Industry-leading cybersecurity – protecting your systems, your data, and your customers.

¹ Based on an internal SMA customer survey conducted via the SMA Energy app among owners of residential solar systems (participants: over 11,000 in Germany, Belgium, and the Netherlands). Respondents were asked about their intention to choose SMA again (“Would you choose SMA again?”).

One solution, many applications.



GENERATE SOLAR POWER

The SMA Energy Solution helps you deliver reliable solar power to homeowners as well as commercial customers – reducing their costs and lowering their dependence on electricity providers.

+ The SMA advantages:

- Inverter **power range from 3–125 kW** – covering everything from residential systems to commercial setups.
- Proprietary technologies like SMA ShadeFix ensure industry-leading yield for **more usable solar energy** even in partial shading.
- **Easy-to-expand modular system architecture** with high future upsell potential.
- **Simpler planning, installation and monitoring** using Sunny Portal, SMA 360° App and SMA Smart Connected that guide you efficiently from system design to handover and beyond.



STORE SOLAR POWER

Help your clients store surplus solar power for when it's needed, improving their self-consumption rate and further cutting energy costs.

+ The SMA advantages:

- **Modular, durable batteries for any scale** – ranging from 3.2 kWh to 197 kWh to power everything from small homes to large businesses. Ideal for both new PV and retrofit projects.
- **Fast, efficient charging and discharging** with the option to charge from the grid – ready for dynamic tariffs and smart cost optimization.
- **Built-in peak load shaving and multi-use capabilities** so customers can make use of surplus solar energy when they need it.
- **Optional backup functionality** for continuous energy supply during grid outages.



CHARGE WITH SOLAR POWER

Provide your clients with an intelligent solar charging solution – reducing costs by turning more self-generated energy into kilometers.

+ The SMA advantages:

- **Scalable EV charging hardware** for modern mobility from single home chargers to commercial fleet solutions.
- **Intelligent charging modes and dynamic load management** that keep charging safe, efficient and grid-compliant – from ultra-fast to highly efficient operation.
- **Smart integration to prioritize surplus solar power** and tap into dynamic tariffs for low-cost charging.
- **Future-proof setup** prepared for bidirectional AC charging.



BECOME INDEPENDENT WITH SOLAR POWER

The SMA Commercial Off-Grid Solution equips you to deliver reliable, grid-quality power for your customers' operations – even in remote locations or under unstable grid conditions.

+ The SMA advantages:

- **Combines solar generation, battery storage and optional additional sources** (e.g. diesel, wind, hydro) to provide stable, continuous power in off-grid and weak-grid environments.
- **Modular, scalable system architecture** that simplifies design, installation and later expansion – from smaller commercial sites to multi-megawatt microgrids.
- **Integrated energy management** intelligently coordinating loads, storage and generators to optimize use of solar share.
- **Rugged components** designed for long life, reliable performance and low maintenance.



HEAT WITH SOLAR POWER

SMA enables cost-efficient heat supply powered by self-generated solar energy – reducing CO₂ emissions and long-term dependence on conventional heat sources.

+ The SMA advantages:

- **Easy integration of heat pumps, thermal storage and other electric heating solutions** to optimize use of surplus PV energy.
- **Intelligent energy management** that controls thermal loads in line with PV generation and dynamic tariffs – minimizing grid consumption.
- Broad compatibility and **smooth system interaction via interfaces like EEBUS and SG Ready**, supported by partnerships with established heating brands.

SMA HOME ENERGY SOLUTION

WORLDWIDE*

GENERATE SOLAR POWER

HYBRID INVERTER

**SUNNY BOY
SMART ENERGY**
3.6/4.0/5.0/6.0/
8.0/9.9 kW



SMA BACKUP
1-PHASE

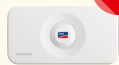


SMA BACKUP
3-PHASE

**SUNNY TRIPOWER
SMART ENERGY**
5.0/6.0/8.0/10.0 kW



**SUNNY TRIPOWER
HYBRID X**
5/6/8/10/12/15 kW



SMA BACKUP
3- OR 4-PHASE



SMA BACKUP
3- OR 4-PHASE

PV INVERTER

SUNNY TRIPOWER X
12/15/20/25 kW



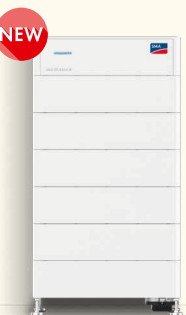
STORE SOLAR POWER

SOLAR BATTERIES

**SMA
HOME STORAGE**
3.2/6.5/9.8/
13.1/16.4 kWh



SMA STORAGE M
12,3 - 36,8/49,1 kWh**



MANAGE ENERGY

NEW SMA ENERGY MAXIMIZER

NEW SMA ENERGY PLANNER

**SUNNY HOME
MANAGER 2.0**



**SMA ENERGY
METER**



**SMA ENERGY
METER CT**



DYNAMISCHE STROMTARIFE

CHARGE WITH SOLAR POWER

**SMA
eCHARGER**



SOFTWARE



SERVICES



5Y+5Y
+5-year extended
inverter warranty on registration

2Y+8Y
+8-year extended
battery warranty on registration

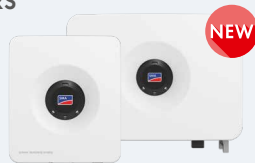
SMA COMMERCIAL ENERGY SOLUTION

WORLDWIDE*

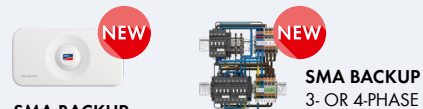
GENERATE SOLAR POWER

HYBRID INVERTERS

SUNNY TRIPOWER HYBRID X
12/15/20/25/30 kW



SMA BACKUP
3- OR 4-PHASE

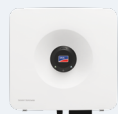


PV INVERTERS

SUNNY TRIPOWER X 25
12/15/20/25 kW



SUNNY TRIPOWER X 60
50/60 kW



SUNNY TRIPOWER 125
125 kW

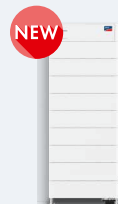


STORE SOLAR POWER

SMA STORAGE XL PACKAGE
89/107/197 kWh



SMA STORAGE M
12,3 - 36,8/49,1 kWh**



SMA BACKUP



SUNNY ISLAND X
30/50 kW



MANAGE ENERGY

NEW SMA ENERGY MAXIMIZER

NEW SMA ENERGY PLANNER

SMA DATA MANAGER M



SMA COM GATEWAY



SMA COMMERCIAL ENERGY METER



SMA ENERGY METER



CHARGE WITH SOLAR POWER

SMA eCHARGER



GRID INDEPENDENCE

SMA COMMERCIAL OFF-GRID SOLUTION

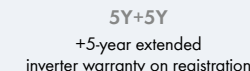
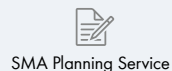
SUNNY ISLAND X CONNECTION BOX
SMA HYBRID CONTROLLER



SOFTWARE



SERVICES



Energy Management is changing.

Built on the proven foundation of the Sunny Home Manager, our new energy management meets the growing complexity of modern energy systems – from dynamic tariffs to increased electrification. To reduce complexity, intelligence is now embedded directly into ennexOS-based devices. No additional energy management hardware is required. **The result:** a seamlessly integrated system that simplifies commissioning and enables more efficient energy use.

SMA Energy Planner:

Manual, rule-based optimization for basic solar self-consumption.

SMA Energy Maximizer:

Automatic, data-driven optimization that continuously adapts to changing conditions – reducing effort and improving efficiency.



DESIGNED FOR INSTALLERS

- Faster commissioning
- Reduced system complexity
- Fewer support requests
- A strong offer for customers
- Recurring revenue through SMA Premium Reward Program



DESIGNED FOR EVERYDAY ENERGY USE

- Automatic energy management
- Reduced energy costs
- Adapts to real-life conditions
- Uses forecasts and tariffs
- Transparent behavior in the SMA Energy App
- 90-days free trial



	Sunny Home Manager Trusted and well known	SMA Energy Planner Manual, rule and schedule based optimization	SMA Energy Maximizer Automatic and convenient savings
Self-consumption optimization:	+	+	+
Dynamic tariffs optimization:	+		+
Peak load shaving:	+	+	+
Battery intelligence:			+
EV charging:	+		+
Energy insights:	+	+	+
Energy management settings:	+	+	+
3 rd party compatibility:	+		+
Setup-time:	1-2h		3 clicks
Availability:	Hardware-based solution	Included in all ennexOS based devices	90 day free trial then €6.95/month. No auto subscription.

⊕ limited functionality ⊕ optimized functionality



GET A SHARE OF 40% FOR EACH ACTIVE ENERGY MAXIMIZER SUBSCRIPTION

SMA Premium Reward Program

One installation, ongoing monthly income: Every SMA Energy Maximizer subscription you initiate starts generating revenue once your customers continue using it.

Supporting your success from day one.

SMA supports you from the first customer conversation through long-term system operation – with integrated tools, services and expertise designed for installers.

Smart digital solutions, streamlined workflows and proven best practices help you save time, reduce planning and installation errors, and deliver reliable PV systems. That means more efficient projects, satisfied customers and a strong basis for long-term business success.



SMA supports you at every step.

PLANNING



Sunny Design

Design PV systems quickly and accurately. Join 430,000 professionals worldwide using Sunny Design to plan over 4.3 million projects – combining precise system design, validated component configuration, and reliable performance and economic analysis in one seamless workflow.

SMA Solar Academy

Join the 10,000+ professionals trained every year in our product- and solution-focused qualification programs. Ensure high-quality SMA installations right from the start.



There's a SMA Distribution Partner near you

As an installer, planner, or wholesaler, you are never far from the right SMA products. Our extensive network of regional partners is locally available to provide you with our complete product portfolio and expert advice.

INSTALLATION

SMA Solar Academy

Master effective and correct installation techniques through our dedicated training sessions. These are complemented by our practical, on-demand Tech Tip videos.

SMA 360° App

Simplify your setup with smart software tools and guided digital workflows. Faster, intuitive commissioning helps you keep your project timelines on track.



OPERATION & MAINTENANCE

SMA Service Support

Enjoy peace of mind with our 24/7 SMA Online Service Center, direct support via the SMA ServiceLine and Sunny Chatbot, and proactive automated diagnostics through SMA Smart Connected. Tech tips, FAQs, and spare parts are readily available in over 10 languages.

SMA Sunny Portal powered by ennexOS

Your central platform for seamless monitoring and management. Join a secure, global network of over 1 million registered systems, 3.1 million devices, and 41 GW of managed power.



SMA.de/en

